Abstract

A method for deleting data, a data deleting apparatus and a recording medium are provided in which in the process for deleting unnecessary data generated during the processing of a main program which is created using programming languages which create data dynamically, wherein revisions of the main program is unnecessary and the overhead cost for that process is controlled without losing the real time property of the main program.

While the main program is interrupted, the function recording region is scanned and advance marking to identify data for protection in is carried out in the data recording region which is directly or indirectly indicated by the pointer which has been recorded in the functional recording region which has been scanned.

It is to be noted that in order for the process of the main program to be resumed, in the case where the scanning is interrupted, a command giving preference to scanning over the execution of the function for the function recording region at which scanning was last carried out, is set as a barrier.

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